

**FEATURING BEST PRACTICES
OF STATE AGENCIES AND INSTITUTIONS OF THE
COMMONWEALTH OF VIRGINIA**

**Construct Facilities
Resource Recovery Facility**

**James Madison University
implemented this best practice
in April 1995**

*Qualifying under the
Best Practices catalogue*

2 Acquire Resources
23 Produce resources
232 Construct facilities

**Best Practice Summary
(how it works, how you measure it)**

The city of Harrisonburg and James Madison University entered into an agreement for the sale and purchase of steam and chilled water. The city agreed to construct a resource recovery facility on city property immediately adjacent to the University east campus. The city issued debt of \$5.5 million for the facility, which converts municipal trash to steam. The facility generates steam, which the city sells to James Madison University.

Impact on the Process Organizational Performance (OUTCOMES)

The University reaped substantial benefits from this project. First, the State avoided the capital costs associated with constructing its own central plant or distributed boilers and chillers in each of the campus' new buildings. Secondly, operating costs for the east campus were reduced because the city- instead of JMU- will be operating and maintaining a complex physical plant operation. Thirdly, air

pollution will be substantially reduced because the entire campus is heated and cooled with no additional fossil fuel consumption.

Best Practice Qualification

Cooperative agreement between city and state government to construct facilities.

For Additional Information

James Madison University
JMU - MSC 5719
Harrisonburg, VA 22807

Steven C. Knickrehm
(540) 568-3497
knickrsc@jmu.edu

John F. Knight
(540) 568-6433
knightjf@jmu.edu